

University of Southern California
VITERBI SCHOOL OF ENGINEERING

Master of Science in Electrical Engineering (Wireless Health Technology)

Program Learning Objectives

The purpose of the USC Viterbi School of Engineering Master of Science in Electrical Engineering (Wireless Health Technology) program is to prepare students for high-level professional employment in any sector of the wireless health technology arena that incorporates analytical techniques; or, to pursue advanced graduate studies focusing on related problems in the field. Graduates might pursue health-related employment or advanced graduate study relating to wireless communication systems, health information systems, or global health technologies.

- Upon completion of the USC Master of Science in Electrical Engineering (Wireless Health Technology), students will be able to demonstrate broad understanding of wireless communication systems, health information systems, and basic physiology.
- Upon completion of the USC Master of Science in Electrical Engineering (Wireless Health Technology), students will be able to apply critical principles and skills pertinent to MSEE (Wireless Health Technology) duties in their employment and professional practice.
- Upon completion of the USC Master of Science in Electrical Engineering (Wireless Health Technology), students will be able to work in diverse global contexts and apply universally respectful and globally centric practices pertinent to MSEE (Wireless Health Technology) duties in international and domestic contexts.
- USC students enrolled in the Master of Science in Electrical Engineering (Wireless Health Technology) will demonstrate understanding of contemporary research questions, results, and areas of application relating to health systems.